

P30916.A02

Application No.: 10/599,576

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Applicant(s) : Sakae KOYATA et al.

Group Art Unit: Not yet known

Appln. No. : 10/599,576  
(U.S. National Phase of PCT/JP2005/005527)

Examiner: Not yet known

I.A. Filed : March 25, 2005

Confirmation No.: 1978

For : ALKALINE ETCHANT FOR CONTROLLING SURFACE ROUGHNESS OF  
SEMICONDUCTOR WAFER

### INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
U.S. Patent and Trademark Office  
Customer Service Window, Mail Stop Amendment  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Sir:

In accordance with the duty of disclosure under 37 C.F.R. 1.56, 1.97, and 1.98, Applicants hereby bring the following information to the attention of the Examiner, which includes information cited and discussed in the International Search Report issued in connection with International Application No. PCT/JP2005/005527. Copies of the International Search Report (in English and Japanese) were enclosed with the papers when entering the National Stage on October 2, 2006. The Examiner is invited to review these materials to inspect the relevance indicated during international examination with respect to the documents cited therein:

- (1) JP 2003-229392 A (Shin-Etsu Handotai Co., Ltd.), August 15, 2003, together with an English language abstract thereof, along with English language family member U.S. Pat. Pub. No. 2004/072437 A1.

P30916.A02

Application No.: 10/599,576

- (2) JP 9-306897 A (Mitsubishi Material Silicon Kabushiki Kaisha), November 28, 1997, together with an English language abstract thereof;
- (3) JP 63-221967 A (Fujitsu Ltd.), September 14, 1988, together with an English language abstract thereof;
- (4) JP 2001-185529 A (Wacker Siltronic Gesellschaft für Halbleiter), July 06, 2001, together with an English language abstract thereof, along with English language family member U.S. Pat. Pub. No. 6,530,381 B1;
- (5) JP 2002-203824 A (Super Silicon Crystal Research Institute Corp.), July 19, 2002, together with an English language abstract thereof;
- (6) JP 2003-7672 A (Toshiba Ceramics Co., Ltd.), January 10, 2003, together with an English language abstract thereof;
- (7) JP 11-171693 A (Shin-Etsu Handotai Co., Ltd.), June 29, 1999, together with an English language abstract thereof, along with English language family member U.S. 6,099,748; and
- (8) JP 11-162953 A (Mitsubishi Material Silicon Kabushiki Kaisha), June 18, 1999, together with an English language abstract thereof.

Applicants also bring to the attention of the Examiner the following commonly assigned copending application:

- (9) U.S. Patent Application No.10/596,177, filed on June 2, 2006.

In accordance with 37 C.F.R. 1.98, copies of the U.S. patents, U.S. published patent applications, and U.S. patent applications are not enclosed herewith. However, if any copies are needed, the Examiner is respectfully requested to contact the undersigned.

P30916.A02

Application No.: 10/599,576

Copies of the above-noted documents, except for U.S. patents, U.S. published patent applications, and U.S. patent applications, are enclosed together with a duly completed Form PTO-1449. The Examiner is accordingly requested to consider each of these documents, and to make them of record in this application by initialing in the appropriate spaces on the Form PTO-1449. Applicant respectfully requests that the Examiner include a copy of the initialed Form PTO-1449 with the next communication from the U.S. Patent and Trademark Office.

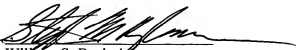
In addition, if the above-noted U.S. Patent Application publishes or issues as a patent, Applicants respectfully requests that the Examiner complete the record by listing the publication(s) on a Form PTO-892.

Applicant notes that an Office Action on the merits has not issued in the present application, and thus no fee is believed necessary to ensure consideration of the submitted material. However, if an Office Action on the merits has issued and is crossing this statement in the mail, the undersigned hereby authorizes the Commissioner to charge any fee necessary for the consideration of this statement, including any payment under 37 C.F.R. §1.17 (p) to Deposit Account No. 19-0089.

Should there be any questions, the Examiner is invited to contact the undersigned at the below listed telephone number.

January 10, 2007  
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Respectfully submitted,  
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FORM PTO-1449		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. P30916		Application No. 10/599,576	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (on several sheets if necessary)				Applicant Sakae KOYATA et al.		Group Not yet known	
				Filing Date 10/02/06			

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	0 7 2 4 3 7	04/15/04	IIZUKA et al.				
	6 5 3 0 3 8 1	03/11/03	SCHWAB et al.				
	6 0 9 9 7 4 8	08/08/00	NETSU et al.				

FOREIGN PATENT DOCUMENTS							
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO		
2003 - 2 2 9 3 9 2	08/15/03	JAPAN					
9 - 3 0 6 8 9 7	11/28/97	JAPAN					
63 - 2 2 1 9 6 7	09/14/88	JAPAN					
2001 - 1 8 5 5 2 9	07/06/01	JAPAN					
2002 - 2 0 3 8 2 4	07/19/02	JAPAN					
2003 - 7 6 7 2	01/10/03	JAPAN					
11 - 1 7 1 6 9 3	06/29/99	JAPAN					
11 - 1 6 2 9 5 3	06/18/99	JAPAN					

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
1	English language abstract of JP 2003-229392 A
2	English language abstract of JP 9-306897 A
3	English language abstract of JP 63-221967 A
4	English language abstract of JP 2001-185529 A
5	English language abstract of JP 2002-203824 A
6	English language abstract of JP 2003-7672 A
7	English language abstract of JP 11-171693 A
8	English language abstract of JP 11-162953 A
9	U.S. Patent Application No. 10/596,177, filed June 2, 2006.

EXAMINER /Lan Vinh/	DATE CONSIDERED 05/18/2010
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\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.